

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	"2000318904"	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/12/21 06:41
S1	87	ohama near takashi.in. matsushim near ryoichi.in.	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/12/20 06:07
S2	1256	271/272.ccls.	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/12/19 14:07
S3	682	271/273.ccls.	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/12/19 14:07
S4	575	271/274.ccls.	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/12/19 14:07
S5	324	271/226.ccls.	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/12/19 14:07
S6	226	271/228.ccls.	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/12/19 14:07
S7	1	"271"/\$.ccls. and cromar.in.	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/12/19 14:17
S8	2	"4775142".pn. "7147223".pn.	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/12/19 14:23
S9	419	(S2 S3 S4) and (angle degree) with (roller shaft)	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/12/20 14:38
S10	117	(S5 S6) and (angle degree) with (roller shaft)	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/12/19 15:11

## EAST Search History

S11	324	271/226.ccls.	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/12/20 06:07
S12	226	271/228.ccls.	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/12/20 06:07
S13	8	skew\$4! and pivot\$4! near (shaft roller) and (S11 S12)	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/12/20 06:09
S14	1256	271/272.ccls.	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/12/20 06:09
S15	682	271/273.ccls.	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/12/20 06:09
S16	575	271/274.ccls.	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/12/20 06:09
S17	34	skew\$4! and pivot\$4! near (shaft roller) and (S14 S15 S16)	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/12/20 06:09
S18	1	yoshinobu.in. and media adj accumulating adj device.ti.	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/12/20 07:26
S19	1	("5918876").PN. OR ("7080836"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/20 07:27
S20	6	("5368285"   "5494277"   "5609334"   "5738349"   "5933697"   "6135446").PN. OR ("6834854"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/20 07:28
S21	18	("4203588"   "4248151"   "4266762"   "4438918"   "4877234"   "5088848"   "5172900"   "5209133"   "5253862"   "5340098"   "5463256"   "5577719"   "5601283"   "5873664"   "6059284"   "6149150").PN. OR ("6308949"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/20 07:28

## EAST Search History

S22	11	("4179117"   "4775142"   "4821049"   "4982946"   "5022638"   "5255903"   "Re33843").PN. OR ("5494277").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/20 07:30
S23	22	("3235940"   "3674143"   "3970299"   "3984094"   "4193590"   "4394009"   "4428573"   "4431176"   "4721298"   "4732377"   "4775142").PN. OR ("5022638").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/20 07:32
S24	8	("4621801"   "4775142"   "5022638"   "5088721"   "5188468"   "5329302"   "5507482"   "5584478").PN. OR ("6851878").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/20 07:33
S25	17	("4486014"   "4635920").PN. OR ("5088721").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/20 07:39
S26	18	("4724945"   "4909374"   "4955185"   "5088721"   "5180154"   "5180159"   "5188355"   "5538239"   "5653438"   "5667214").PN. OR ("6102391").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/20 07:42
S27	8	("3412676"   "4188025"   "4681312"   "4861221"   "5088721").PN. OR ("5527030").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/20 07:43
S28	9	("3854315"   "4379549"   "5065998"   "5084610"   "5088721"   "5199703").PN. OR ("5338022").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/20 07:44
S29	9	("4879571"   "5137506").PN. OR ("5667214").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/20 07:47
S30	30	("2165161"   "2669454"   "4257587"   "4322160"   "4432541"   "4579444"   "4605218"   "4607835"   "4744555"   "4775142"   "4836527"   "4895359"   "4984779").PN. OR ("5253862").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/20 07:52
S31	24	("3409366"   "3510218"   "3661383"   "3770348"   "4052054"   "4056320"   "4062533"   "4179117"   "4316667").PN. OR ("4432541").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/20 07:58

## EAST Search History

S32	12	("4483530"   "4836527"   "4877234"   "5219159"   "5381021"   "5680935"   "5697609"   "5755437"   "6053494"   "6357742").PN. OR ("6581929").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/20 08:08
S33	15	("4588184"   "4678176"   "4696465"   "4971304"   "5094442"   "5219159"   "5232213"   "5234208").PN. OR ("5527027").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/20 08:09
S34	33	("4685664"   "4836119"   "5219159").PN. OR ("5697609").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/20 08:12
S35	33	("2190413"   "2190416"   "2243557"   "3741357"   "4052054"   "4445679"   "4456116"   "4482147"   "4500086"   "4511242"   "4669719"   "4733857").PN. OR ("4877234").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/20 08:12
S36	332	"271"/\$.ccls. and (angle\$2! slant\$4!) near (shaft roller)	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/12/20 08:24
S37	0	("2003/0075853").URPN.	USPAT	OR	ON	2006/12/20 08:37
S38	29	("2672337"   "3040946"   "3107089"   "3175824"   "3779443"   "3854315").PN. OR ("4179117").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/20 08:57
S39	30	("2461376"   "3107089"   "3178175"   "3350091"   "3416790").PN. OR ("3666262").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/20 09:01
S40	22	("0458945"   "2464173"   "3175824"   "3635466"   "3666262"   "3929327"   "3980296"   "4098551"   "4374586"   "4378737"   "4546964"   "4836527"   "4877234"   "4889240"   "4955965").PN. OR ("5507482").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/20 09:10
S41	1256	271/272.ccls.	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/12/20 09:23
S42	682	271/273.ccls.	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/12/20 09:23

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S43	575	271/274.ccls.	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/12/20 09:23
S44	35	(S41 S42 S43) and oblique with (shaft roller)	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/12/20 09:26
S45	369	"271"/\$.ccls. not S44 and oblique with (shaft roller)	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/12/20 09:27
S46	872	"271"/\$.ccls. and (skew\$4! deskew\$4!) and (angle degree slant) with (shaft roller)	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/12/20 13:04
S47	1256	271/272.ccls.	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/12/20 11:01
S48	682	271/273.ccls.	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/12/20 11:01
S49	575	271/274.ccls.	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/12/20 11:01
S50	81	(S47 S48 S49) and (skew\$4! deskew\$4!) and (angle degree slant) with (shaft roller)	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/12/20 11:03
S51	9	(S47 S48 S49) and (skew\$4! deskew\$4!) and (angle degree slant) near (shaft roller)	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/12/20 11:03
S52	40	(S47 S48 S49) and (skew\$4! deskew\$4!) and (angle degree slant) near3 (shaft roller)	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/12/20 11:06
S53	40	("2357816"   "2461376"   "3021136"   "3210074"   "3262697"   "3281144"   "3339917"   "3485489"   "3517923"   "3768803").PN. OR ("3949979"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/20 11:14

## EAST Search History

S54	48	(US-5280330-\$ or US-5327205-\$ or US-5333043-\$ or US-5339134-\$ or US-5379095-\$ or US-5436715-\$ or US-5710634-\$ or US-5923438-\$ or US-6047959-\$ or US-6088135-\$ or US-4974827-\$ or US-6213458-\$ or US-6513805-\$ or US-6585258-\$ or US-6618575-\$ or US-5833227-\$ or US-5871208-\$ or US-5881351-\$ or US-5971388-\$ or US-6019363-\$ or US-5583662-\$ or US-5587812-\$ or US-5689793-\$ or US-5819152-\$ or US-5826155-\$ or US-5532809-\$). did. or (US-6055410-\$ or US-5515150-\$ or US-6185405-\$ or US-5644663-\$ or US-5903811-\$ or US-5934661-\$ or US-5854964-\$ or US-5471277-\$ or US-5559609-\$ or US-5567068-\$ or US-6043897-\$ or US-6064498-\$ or US-6076822-\$ or US-6076460-\$ or US-6101005-\$ or US-6113091-\$ or US-6145834-\$ or US-6151478-\$ or US-6161831-\$ or US-6172774-\$ or US-6209861-\$ or US-6345170-\$).did.	USPAT	OR	ON	2006/12/20 11:23
S55	48	(US-5532809-\$ or US-6055410-\$ or US-5515150-\$ or US-6185405-\$ or US-5644663-\$ or US-5710634-\$ or US-5923438-\$ or US-6047959-\$ or US-6088135-\$ or US-4974827-\$ or US-5280330-\$ or US-5327205-\$ or US-5333043-\$ or US-5339134-\$ or US-5379095-\$ or US-5436715-\$ or US-5471277-\$ or US-5559609-\$ or US-5567068-\$ or US-5583662-\$ or US-5587812-\$ or US-5689793-\$ or US-5819152-\$ or US-5826155-\$ or US-5833227-\$ or US-5854964-\$). did. or (US-5871208-\$ or US-5881351-\$ or US-5903811-\$ or US-5934661-\$ or US-5971388-\$ or US-6019363-\$ or US-6043897-\$ or US-6064498-\$ or US-6076822-\$ or US-6076460-\$ or US-6101005-\$ or US-6113091-\$ or US-6145834-\$ or US-6151478-\$ or US-6161831-\$ or US-6172774-\$ or US-6209861-\$ or US-6213458-\$ or US-6345170-\$ or US-6513805-\$ or US-6585258-\$ or US-6618575-\$).did.	USPAT	OR	ON	2006/12/20 11:23

## EAST Search History

S56	48	(US-5532809-\$ or US-6055410-\$ or US-5515150-\$ or US-6185405-\$ or US-5644663-\$ or US-5710634-\$ or US-5923438-\$ or US-6047959-\$ or US-6088135-\$ or US-4974827-\$ or US-5280330-\$ or US-5327205-\$ or US-5333043-\$ or US-5339134-\$ or US-5379095-\$ or US-5436715-\$ or US-5471277-\$ or US-5559609-\$ or US-5567068-\$ or US-5583662-\$ or US-5587812-\$ or US-5689793-\$ or US-5819152-\$ or US-5826155-\$ or US-5833227-\$ or US-5854964-\$). did. or (US-5871208-\$ or US-5881351-\$ or US-5903811-\$ or US-5934661-\$ or US-5971388-\$ or US-6019363-\$ or US-6043897-\$ or US-6064498-\$ or US-6076822-\$ or US-6076460-\$ or US-6101005-\$ or US-6113091-\$ or US-6145834-\$ or US-6151478-\$ or US-6161831-\$ or US-6172774-\$ or US-6209861-\$ or US-6213458-\$ or US-6345170-\$ or US-6513805-\$ or US-6585258-\$ or US-6618575-\$).did.	USPAT	OR	ON	2006/12/20 11:23
S60	5366	brother adj kogyo.as.	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/12/20 11:34
S61	615	brother adj kogyo.as. and ((angle\$2! obtuse) with (roller shaft) (skew\$4! deskew\$4!))	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/12/20 11:36
S62	2562	"271"/\$.ccls. and (angle\$1! degree) near4 (shaft roller)	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/12/20 13:05
S63	1256	271/272.ccls.	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/12/20 13:29
S64	682	271/273.ccls.	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/12/20 13:05
S65	575	271/274.ccls.	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/12/20 13:05

## EAST Search History

S66	324	271/226.ccls.	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/12/20 13:05
S67	226	271/228.ccls.	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/12/20 13:05
S68	284	(S63 S64 S65 S66 S67) and (angle\$1! degree) near4 (shaft roller)	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/12/20 13:26
S69	4495	b65h\$ and (angle\$1! degree) near4 (shaft roller)	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/12/20 13:26
S70	42	b65h\$ and (angled adj (shaft roller))	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/12/20 13:26
S71	16	(S63 S64 S65) and rubber and polyacetal	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/12/20 13:35
S72	2	(S63 S64 S65) and rubber and polyacetal and angled	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/12/20 13:30
S73	3	konica.as. and paper adj carrying adj method.ti.	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/12/20 13:36
S74	0	(S63 S64 S65) and (oblique adj angle) with (shaft roller)	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/12/20 14:24
S75	6	(S63 S64 S65) and (angled adj (shaft roller))	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/12/20 14:26
S76	52	(S63 S64 S65) and wave	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/12/20 14:26
S77	0	(S63 S64 S65) and (angle degree) with (roller shaft) and (oblique)	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/12/20 14:38



## EAST Search History

S78	59	(S63 S64 S65) and (angle degree) with (roller shaft) and aligning	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/12/20 14:39
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